Dell ™ E1911 monitor User's Guide

About Your Monitor

Setting Up Your Monitor

Operating Your Monitor

Troubleshooting

Appendix

Notes,Cautions,Warnings

NOTE: A NOTE indicates important information that helps you make better use of your computer.

CAUTION: A CAUTION indicates potential damage to hardware or loss of data if instructions are not followed.

WARNING: A WARNING indicates a potential for property damage, personal injury, or death.

Information in this document is subject to change without notice.
© 2010 Dell Inc. All rights reserved.

Reproduction of these materials in any manner whatsoever without the written permission of Dell Inc. is strictly forbidden.

Trademarks used in this text: *Dell* and the *DELL* logo are trademarks of Dell Inc; *Microsoft* and *Windows* are either trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries; *Adobe* is a trademark of Adobe Systems Incorporated, which may be registered in certain jurisdictions. *ENERGY STAR* is a registered trademark of the U.S. Environmental Protection Agency. As an ENERGY STAR partner, Dell Inc. has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Dell Inc. disclaims any proprietary interest in trademarks and trade names other than its own.

Model E1911f/E1911c

August 2010 Rev. A00

Downloaded from ManualMonitor.com Manuals

Back to Contents Page

About Your Monitor

Dell™ E1911 monitor User's Guide

- Package Contents
- Product Features
- Identifying Parts and Controls
- Monitor Specifications
- Plug and Play Capability
- LCD Monitor Quality and Pixel Policy
- Maintenance Guidelines

Package Contents

Your monitor ships with the components shown below. Ensure that you have received all the components and contact Dell if something is missing.

NOTE: Some items may be optional and may not ship with your Monitor. Some features or media may not be available in certain countries.

	• Monitor
	• Stand base
	• Power Cable
	• VGA Cable

Downloaded from ManualMonitor.com Manuals

	• DVI Cable
	• Drivers and Documentation media • *Quick Setup Guide* • Safety Information

Product Features

The **Dell™ E1911** display has an active matrix, thin-film transistor (TFT), liquid crystal display (LCD). The monitor features include:

■ 48.26 cm (19 inches) viewable area display.

■ 1440x900 resolution, plus full-screen support for lower resolutions.

■ Wide viewing angle to allow viewing from a sitting or standing position, or while moving from side-to-side.

■ Tilt adjustment capabilities.

■ Removable pedestal and Video Electronics Standards Association (VESA®) 100 mm mounting holes for flexible mounting solutions.

■ Plug and play capability if supported by your system.

■ On-Screen Display (OSD) adjustments for ease of set-up and screen optimization.

■ Software and documentation media which includes an information file (INF), Image Color Matching file (ICM), and product documentation.

■ Energy Saver feature for Energy Star® compliance.

■ Security lock slot.

■ EPEAT™ GOLD compliant.

■ Halogen reduced.

■ Asset Management Capability.

■ PowerNap Software included (comes in the CD attached with the monitor).

Identifying Parts and Controls

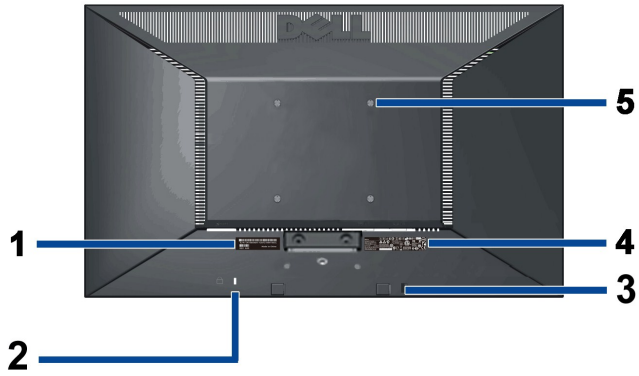
Front View

Front View **Front Panel Controls**

Downloaded from ManualMonitor.com Manuals

Label	Description
1.	Function buttons (For more information, see Operating the Monitor)
2.	Power On/Off button (with LED indicator)

Back View

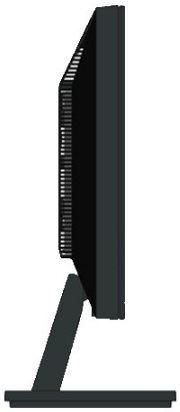


Back View

Back View with Monitor Stand

Label	Description	Use
1	Barcode serial number label	To contact Dell for technical support.
2	Security lock slot	To help secure your monitor.
3	Dell Soundbar mounting brackets	To attach the optional Dell Soundbar.
4	Regulatory rating label	Lists the regulatory approvals.
5	VESA mounting holes (100mm) (Behind attached base plate)	To mount the monitor.

Side View



Left View

Bottom View

Downloaded from ManualMonitor.com Manuals

Bottom View

Label	Description
1	AC power cord connector
2	DVI connector
3	VGA connector

Monitor Specifications

Flat Panel Specifications

Model	Dell E1911 monitor
Screen type	Active matrix - TFT LCD
Panel type	TN
Screen dimensions	19 inches (19-inch viewable image size)
Preset display area	408.24 (H) X 255.15 (V)
Horizontal	408.24 mm (16.08 inches)
Vertical	255.15 mm (10.05 inches)
Pixel pitch	0.2835 mm
Viewing angle	160° (vertical) typical, 160° (horizontal) typical
Luminance output	250 cd/m² (typical)
Contrast ratio	1000 to 1 (typical)
Faceplate coating	Antiglare with hard-coating 3H
Backlight	CCFL (2) edgelight system
Response Time	5 ms typical
Color depth	16.7 millions colors
Color Gamut	80% CIE1976 (typical)*

*[E1911] color gamut (typical) is based on CIE1976 (80%) and CIE1931 (72%) test standards.

Downloaded from ManualMonitor.com Manuals

Resolution Specifications

Model	Dell E1911 monitor
Horizontal scan range	30 kHz to 83 kHz (automatic)
Vertical scan range	56 Hz to 75 Hz (automatic)
Maximum preset resolution	1440 X 900 at 60 Hz

Supported Video Modes

Video display capabilities (DVI playback)	480i/480p/576i/576p/720p/1080i/1080P (Supports HDCP)

Preset Display Modes

Display Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Pixel Clock (MHz)	Sync Polarity (Horizontal/Vertical)
VESA, 720 x 400	31.5	70.1	28.3	-/+
VESA, 640 x 480	31.5	59.9	25.2	-/-
VESA, 640 x 480	37.5	75.0	31.5	-/-
VESA, 800 x 600	37.9	60.3	40.0	+/+
VESA, 800 x 600	46.9	75.0	49.5	+/+
VESA, 1024 x 768	48.4	60.0	65.0	-/-
VESA, 1024 x 768	60.0	75.0	78.8	+/+
VESA, 1152 x 864	67.5	75.0	108.0	+/+
VESA, 1280 x 800	49.7	59.8	83.5	-/+
VESA, 1280 x 1024	64.0	60.0	108.0	+/+
VESA, 1280 x 1024	80.0	75.0	135.0	+/+

Downloaded from ManualMonitor.com Manuals

VESA, 1440 x 900 - Analog	55.9	59.9	106.5	-/+
VESA, 1440 x 900 (CTV-R) - Digital	55.5	59.9	88.8	+/-

Electrical Specifications

Video input signals	Analog RGB, 0.7 Volts +/- 5%, positive polarity at 75 ohm input impedance Digital DVI-D TMDS, 600mV for each differential line, positive polarity at 50 ohm input impedance
Synchronization input signals	Separate horizontal and vertical synchronizations, polarity-free TTL level, SOG (Composite SYNC on green)
AC input voltage/frequency/current	100 to 240 VAC/50 or 60 Hz ± 3 Hz/1.5A (Max.)
Inrush current	120 V: 30 A (Max.) 240 V: 60 A (Max.)

Physical Characteristics

Model	**Dell E1911 monitor**
Connector type	15-pin D-subminiature, blue connector; DVI-D, white connector
Signal cable type	Digital: Detachable, DVI-D, Solid pins, shipped detached from the monitor Analog: Detachable, D-Sub, 15pins, shipped attached to the monitor
Dimensions (with stand)	
Height	363.75 mm (14.32 inches)
Width	442.95 mm (17.44 inches)
Depth	155.75 mm (6.13 inches)
Dimensions (without stand)	
Height	289.45 mm (11.40 inches)
Width	442.95 mm (17.44 inches)
Depth	59.00 mm (2.32 inches)
Stand dimensions	
Height	125.3 mm (4.93 inches)
Width	249.86 mm (9.84 inches)

Downloaded from ManualMonitor.com Manuals

Depth	155.75 mm (6.13 inches)
Weight	
Weight with packaging	5.52 kg (12.17 lbs)
Weight with stand assembly and cables	4.59 kg (10.12 lbs)
Weight without stand assembly (For wall mount or VESA mount considerations - no cables)	3.45 kg (7.60 lbs)
Weight of stand assembly	0.70 kg (1.54 lbs)

Environmental Characteristics

Temperature	
Operating	0° to 50 °C (32° to 122 °F)
Non-operating	Storage: -20° to 60°C (-4° to 140°F) Shipping: -20° to 60°C (-4° to 140°F)
Humidity	
Operating	10% to 80% (non-condensing)
Non-operating	Storage: 5% to 90% (non-condensing) Shipping: 5% to 90% (non-condensing)
Altitude	
Operating	4,850 m (15,913 ft) max
Non-operating	12,192 m (40,000 ft) max
Thermal dissipation	85.3 BTU/hour (maximum) 58.0 BTU/hour (typical)

Downloaded from ManualMonitor.com Manuals

Power Management Modes

If you have VESA's DPM™ compliance display card or software installed in your PC, the monitor can automatically reduce its power consumption when not in use. referred to as *Power Save Mode**. If the computer detects input from keyboard, mouse, or other input devices, the monitor automatically resumes functioning. The following table shows the power consumption and signaling of this automatic power saving feature:

VESA Modes	Horizontal Sync	Vertical Sync	Video	Power Indicator	Power Consumption
Normal operation	Active	Active	Active	Blue	25 W (maximum)
Normal operation	Active	Active	Active	Blue	17 W (typical)

Downloaded from ManualMonitor.com Manuals

Back to Contents Page

Appendix

Dell™ E1911 monitor User's Guide

- Safety Instructions
- FCC Notice (U.S. Only) and Other Regulatory Information
- Contacting Dell

WARNING: Safety Instructions

WARNING: Use of controls, adjustments, or procedures other than those specified in this documentation may result in exposure to shock, electrical hazards, and/or mechanical hazards.

For information on safety instructions, see the *Product Information Guide*.

FCC Notices (U.S. Only) and Other Regulatory Information

For FCC notices and other regulatory information, see the regulatory compliance website located at www.dell.com\regulatory_compliance.

Contacting Dell

For customers in the United States, call 800-WWW-DELL (800-999-3355).

NOTE: If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area. To contact Dell for sales, technical support, or customer service issues:

1. Visit **support.dell.com**.
2. Verify your country or region in the **Choose A Country/Region** drop-down menu at the bottom of the page.
3. Click **Contact Us** on the left side of the page.
4. Select the appropriate service or support link based on your need.
5. Choose the method of contacting Dell that is convenient for you.

Back to Contents Page

Downloaded from ManualMonitor.com Manuals

Back to Contents Page

Help on PowerNap Installation

To install PowerNap succesfully, follow these steps:-

1. Check Operating System Requirements	Windows XP, Windows Vista®, Windows® 7
2. Install Entech API	Install
3. Install PowerNap Software	Install

Back to Contents Page

Downloaded from ManualMonitor.com Manuals

Back to Contents Page

Setting Up Your Monitor

Dell™ E1911 monitor

If you have a Dell™ desktop or a Dell™ portable computer with internet access

1. Go to **http://support.dell.com,** enter your service tag, and download the latest driver for your graphics card.

2. After installing the drivers for your Graphics Adapter, attempt to set the resolution to 1440x900 again.

NOTE: If you are unable to set the resolution to 1440x900, please contact Dell™ to inquire about a Graphics Adapter that supports these resolutions.

Back to Contents Page

Downloaded from ManualMonitor.com Manuals

Back to Contents Page

Setting Up Your Monitor

Dell™ E1911 monitor

If you have a non Dell™ desktop, portable computer, or graphics card

In Windows XP:

1. Right-click on the desktop and click **Properties**.

2. Select the **Settings** tab.

3. Select **Advanced**.

4. Identify your graphics controller supplier from the description at the top of the window (e.g. NVIDIA, ATI, Intel etc.).

5. Please refer to the graphics card provider website for updated driver (for example, http://www.ATI.com OR http://www.NVIDIA.com).

6. After installing the drivers for your Graphics Adapter, attempt to set the resolution to **1440x900** again.

In Windows Vista® or Windows 7:

1. Right-click on the desktop and click **Personalization**.

2. Click **Change Display Settings**.

3. Click **Advanced Settings**.

4. Identify your graphics controller supplier from the description at the top of the window (e.g. NVIDIA, ATI, Intel etc.).

5. Please refer to the graphics card provider website for updated driver (for example, http://www.ATI.com OR http://www.NVIDIA.com).

6. After installing the drivers for your Graphics Adapter, attempt to set the resolution to **1440x900** again.

NOTE: If you are unable to set the resolution to 1440x900, please contact the manufacturer of your computer or consider purchasing a graphics adapter that will support the video resolution of 1440x900.

Back to Contents Page

Downloaded from ManualMonitor.com Manuals

Back to Contents Page

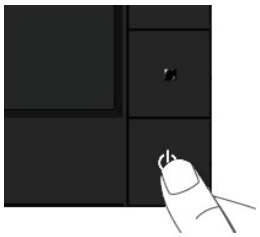
Operating the Monitor

Dell™ E1911 monitor User's Guide

- Using the Front Panel Controls
- Using the On-Screen Display (OSD) Menu
- PowerNap Software
- Setting the Maximum Resolution
- Using the Dell Soundbar (Optional)
- Using the Tilt

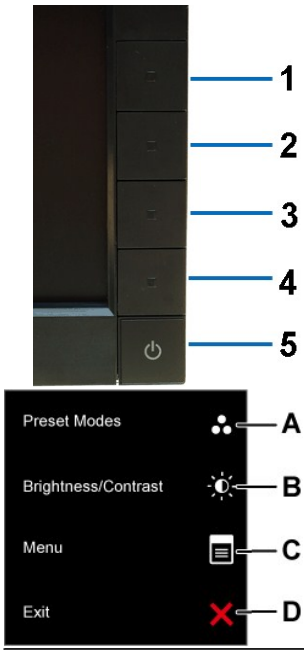
Power On the Monitor

Press the button to turn on the monitor



Using the Front Panel Controls

Use the keys on the front of the monitor to adjust the image settings.



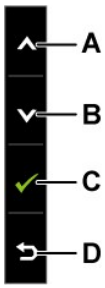
Front panel Key	Description

Downloaded from ManualMonitor.com Manuals

A	Preset modes	Use this button to directly access the Shortcut Key 1 (Default: Preset Modes) menu or to increase the value of the selected menu option. See Using the OSD Menu.
B	Brightness / Contrast	Use this button to directly access the Shortcut Key 2 (Default: Brightness/Contrast) menu or to decrease the value of the selected menu option.
C	Menu	Use the Menu key to open the on-screen display(OSD).
D	Exit	Use the Exit key to exit on-screen display(OSD) from menu and sub-menus.

Front panel Key

Use the keys on the front of the monitor to adjust the image settings.



Front panel Key		Description
A	Up	Use the Up key to adjust (increase ranges) items in the OSD menu.
B	Down	Use the Down key to adjust (decrease ranges) items in the OSD menu.
C	OK	Use the OK key to confirm your selection.
D	Back	Use the Back key to go back to the previous menu.

Using the On-Screen Display (OSD) Menu

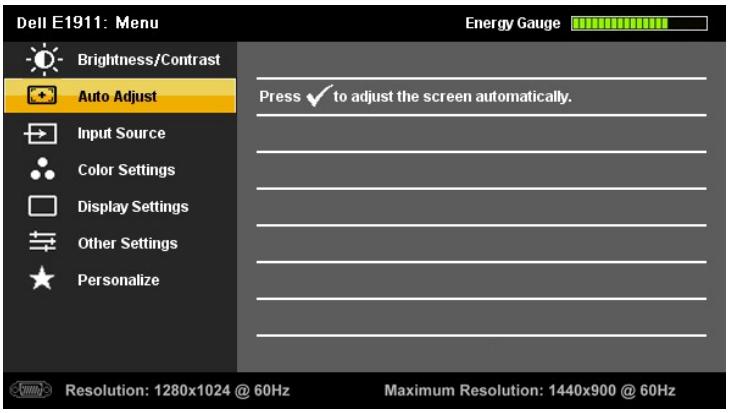
Accessing the Menu System

Downloaded from ManualMonitor.com Manuals

NOTE: If you change the settings and then either proceed to another menu or exit the OSD menu, the monitor automatically saves those changes. The changes are also saved if you change the settings and then wait for the OSD menu to disappear.

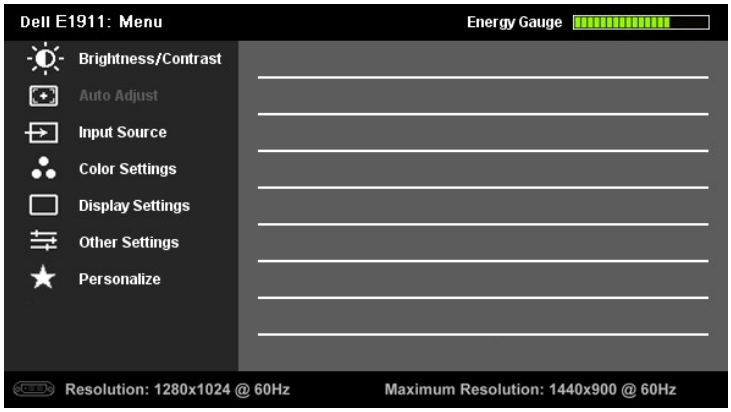
1. Press the button to open the OSD menu and display the main menu.

Main Menu for Analog (VGA) Input



or

Main Menu for Digital (DVI-D) Input



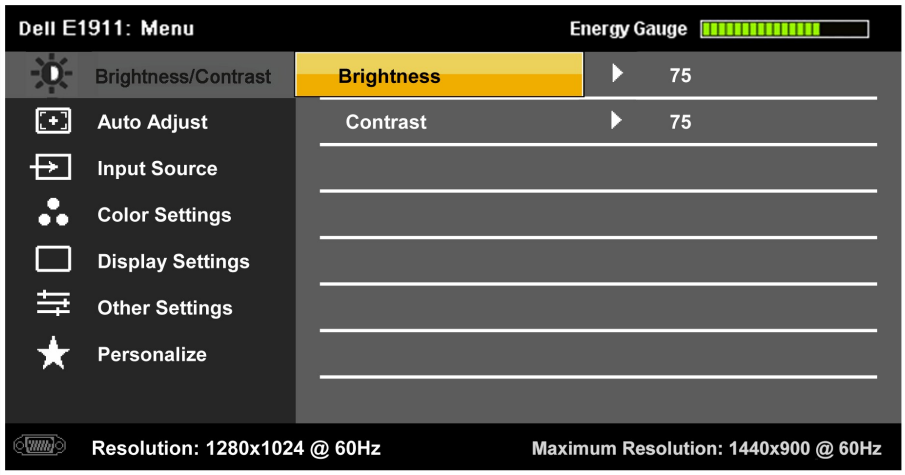
NOTE: Auto Adjust is only available when you are using the analog (VGA) connector.

2. Press the and buttons to toggle between options in the Menu. As you move from one icon to another, the option name is highlighted.
3. To select the highlighted item on the menu press the button again.
4. Press the and buttons to select the desired parameter.
5. Press the button to enter the slide bar and then use the or buttons, according to the indicators on the menu, to make your changes.
6. Select the to return to previous menu without accepting current settings or to accept and return to previous menu.

The table below provides a list of all the OSD menu options and their functions.

Icon	Menu and Submenus	Description
	Brightness/Contrast	Use the Brightness and Contrast menu to adjust the Brightness/Contrast.

Downloaded from ManualMonitor.com Manuals



Back

Press to go back to the main menu.

Brightness

Allows you to adjust the brightness or luminance of the backlight.

Press the key to increase brightness and press the key to decrease brightness (min 0 ~ max 100).

NOTE: Brightness control will be greyed out during "Screen dim" in PowerNap option when screen saver is activated.

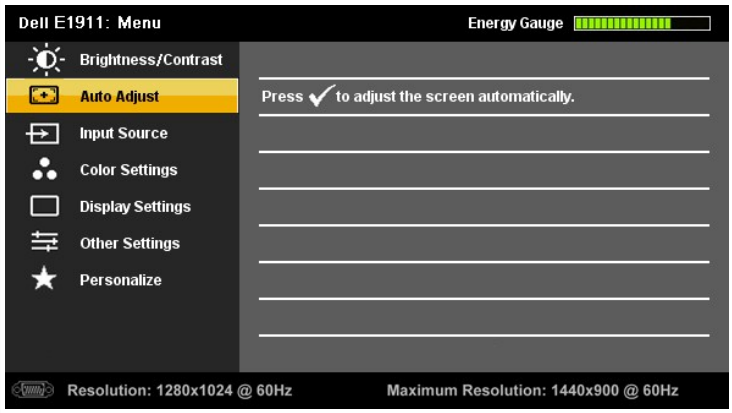
Contrast

Allows you to adjust the contrast or the degree of difference between darkness and lightness on the monitor screen. Adjust contrast only if you need further adjustment.

Press the key to increase contrast and press the key to decrease contrast (min 0 ~ max 100).

Auto Adjust

Use this key to activate automatic setup and adjust menu.



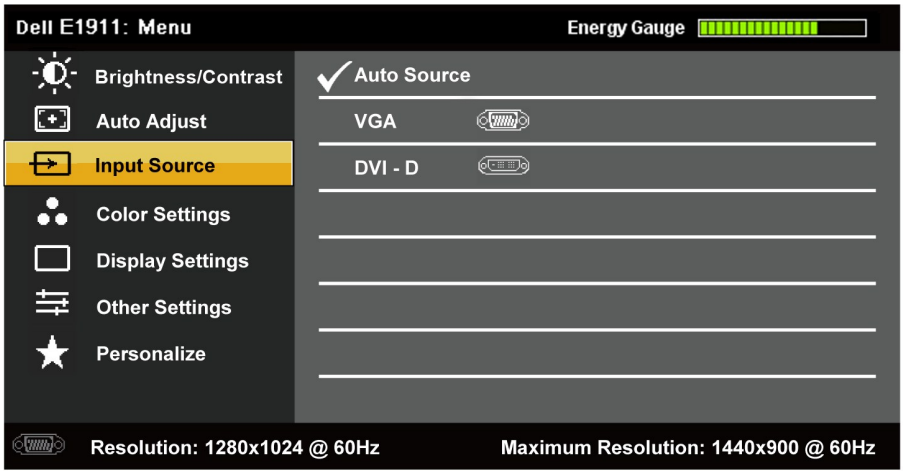
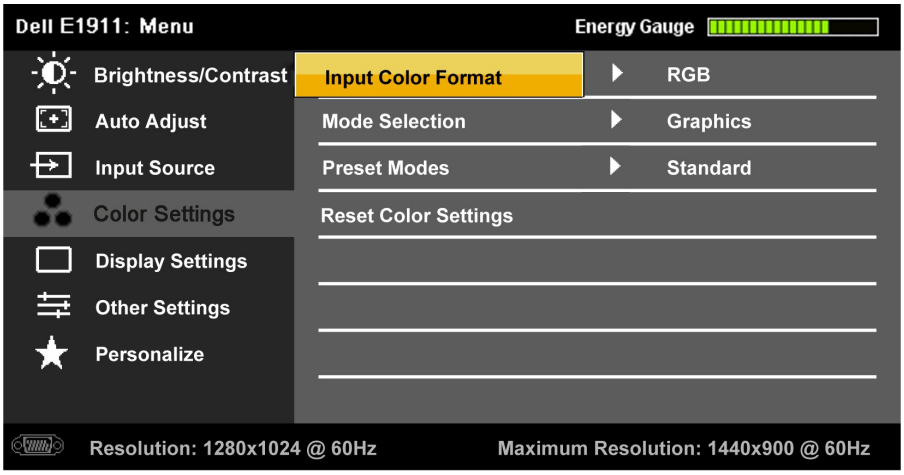
The following dialog appears on a black screen as the monitor self-adjusts to the current input:

Auto Adjustment allows the monitor to self-adjust to the incoming video signal. After using Auto Adjustment, you can further Pixel Clock (Coarse) and Phase (Fine) controls under Display Settings.

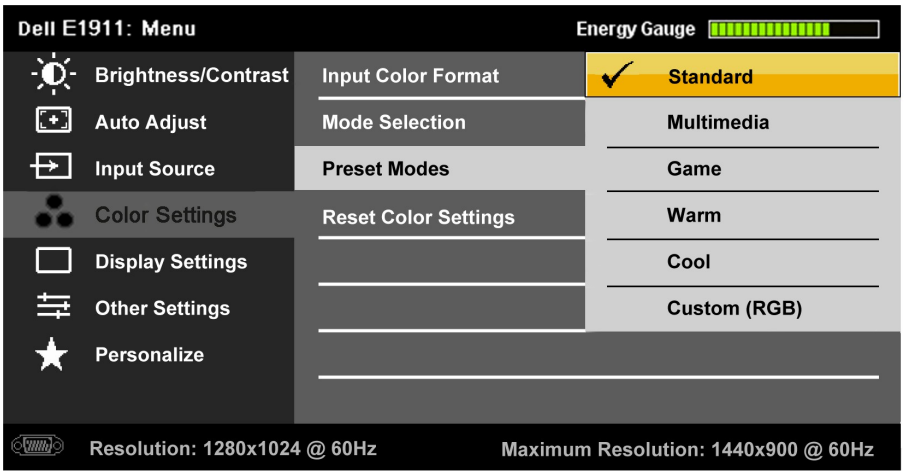
NOTE: In most cases, Auto Adjust produces the best image for your configuration.

NOTE: AUTO ADJUST option is only available when you are using the analog (VGA) connector.

Downloaded from ManualMonitor.com Manuals

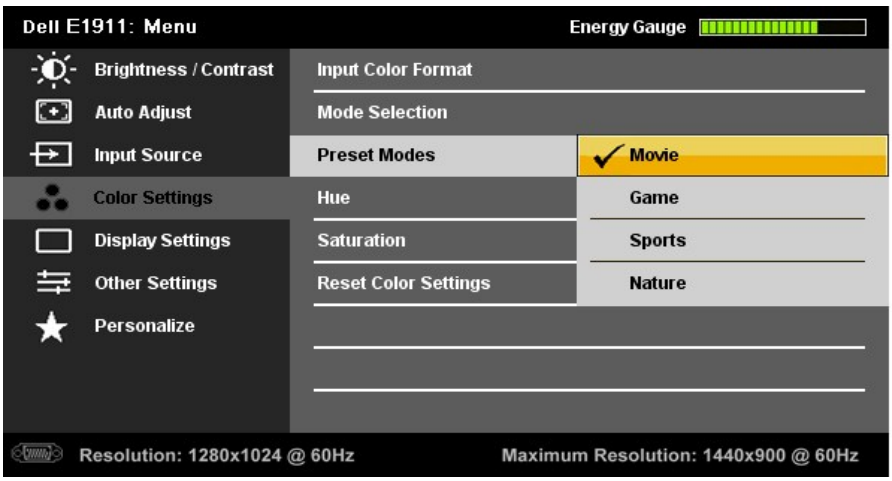
	Input Source	Use the **Input Source** menu to select between different video signals that may be connected to your monitor. 
	VGA	Select VGA input when you are using the analog (VGA) connector. Push → to select the VGA input source.
	DVI-D	Select DVI-D input when you are using the Digital (DVI) connector. Push → to select the DVI input source.
	Scan for Sources	Select Auto Select to scan for available input signals.
	Color Settings	Use the **Color Settings** menu to adjust the monitor's color settings. 
	Back	Press ← to go back to the main menu.
	Input Color Format	Allows you to set the video input mode to: ı **RGB**: Select this option if your monitor is connected to a computer or DVD player using the VGA and DVI cable or the H ı **YPbPr**: Select this option if your DVD player supports only YPbPr output.
	Mode Selection	Allows you to set the display mode to: ı **Graphics**: Select this mode if your monitor is connected to your computer. ı **Video**: Select this mode if your monitor is connected to a DVD player. **NOTE:** Depending upon the Display Mode you select the Preset Modes available for your monitor change.
	Preset Mode	Allows you to choose from a list of preset color modes. In the **Graphics** mode, you can set the color to the following preset values:

Downloaded from ManualMonitor.com Manuals



- **Standard**: Loads the monitor's default color settings. This is the default preset mode.
- **Multimedia**: Loads color settings ideal for multimedia applications.
- **Game**: Loads color settings ideal for most gaming applications.
- **Warm**: Increases the color temperature. The screen appears warmer with a red/yellow tint.
- **Cool**: Decreases the color temperature. The screen appears cooler with a blue tint.
- **Custom (RGB)**: Allows you to manually adjust the color settings. Press the and keys to adjust the Red, Gree your own preset color mode.

In the **Video** mode, you can set the color to the following preset values:



- **Movie**: Loads color settings ideal for movies. This is the default preset mode.
- **Game**: Loads color settings ideal for most gaming applications.
- **Sports**: Loads color settings ideal for sports.
- **Nature:** Loads color settings ideal for nature.

Hue

Allows you to adjust the skin tone of the image. Use or to adjust the hue from '0' to '100'.

NOTE: Hue adjustment is available only in the **Video** mode.

Saturation

Allows you to adjust the color saturation of the image. Use or to adjust the saturation from '0' to '100'.

NOTE: Saturation adjustment is available only in the **Video** mode.

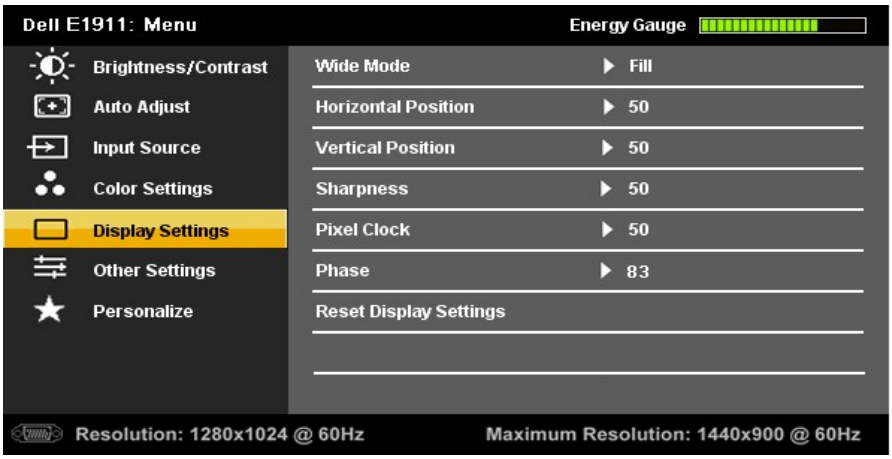
Reset Color Settings

Resets your monitor's color settings to the factory defaults.

Displays Settings

Use the **Displays Settings** menu to adjust the monitor's display settings.

Downloaded from ManualMonitor.com Manuals



Back

Press to go back to the main menu.

Horizontal Position

Use the or buttons to adjust image left and right. Minimum is '0' (-). Maximum is '100' (+).

NOTE: When using a DVI source, the Horizontal Position setting is not available.

Vertical Position

Use the or buttons to adjust image up and down. Minimum is '0' (-). Maximum is '100' (+)

NOTE: When using a DVI source, the Vertical Position setting is not available.

Sharpness

This feature can make the image look sharper or softer. Use or to adjust the sharpness from '0' to '100'

Pixel Clock

The Phase and Pixel Clock adjustments allow you to adjust your monitor to your preference. Use or buttons to adjust

Phase

If satisfactory results are not obtained using the Phase adjustment, use the Pixel Clock (coarse) adjustment and then use Pl

NOTE: Pixel Clock and Phase Adjustments are only available for "VGA" input.

Reset Display Settings

Select this option to restore default display settings.

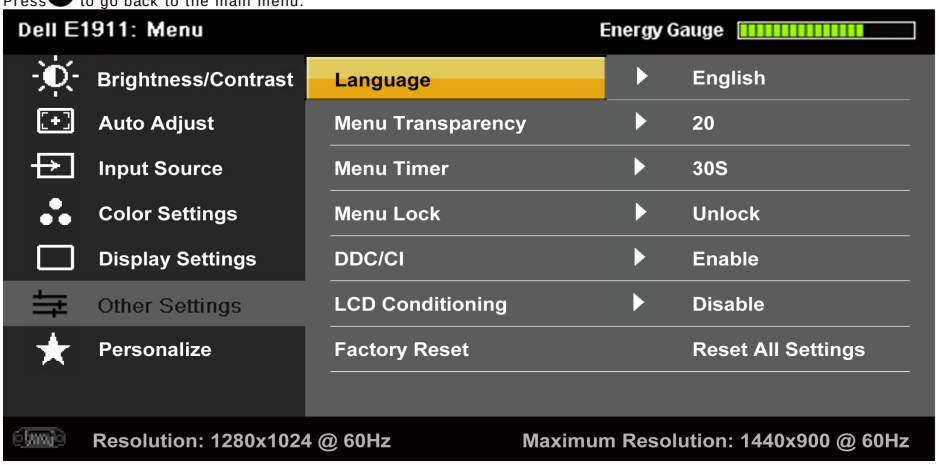
Other Settings

Select this option to adjust the settings of the OSD, such as, the languages of the OSD, the amount of time the menu remai

Back

Press to go back to the main menu.

Language

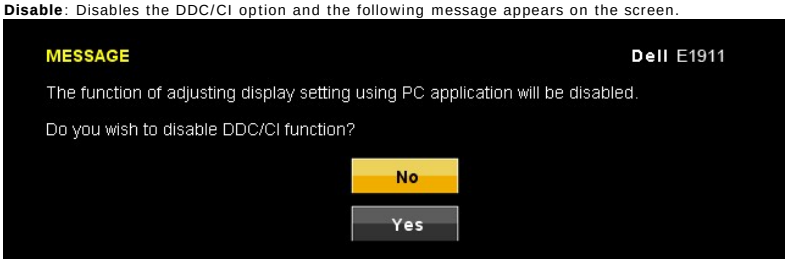


Allows you to set the OSD display to one of eight languages: English, Spanish, French, German, Japanese, Brazilian Portugue

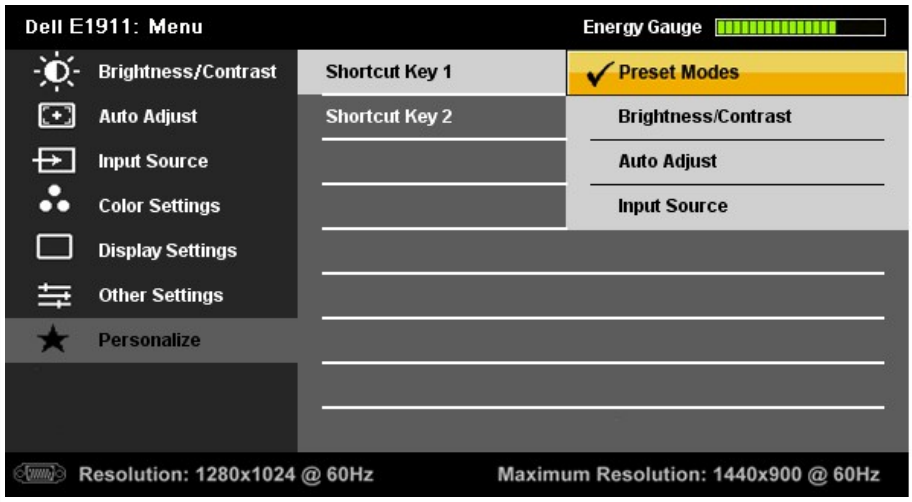
Menu Transparency

Allows you to adjust the OSD background from opaque to transparent.

Downloaded from ManualMonitor.com Manuals

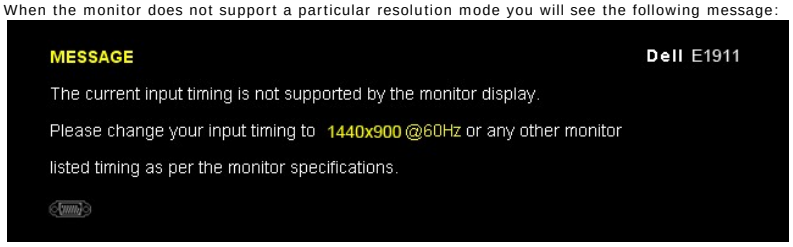
	Menu Timer	Allows you to set the time for which the OSD remains active after you press a key on the monitor. Use the and keys to adjust the slider in 1 second increments, from 5 to 60 seconds.
	Menu Lock	Controls user access to adjustments. When **Lock** is selected, no user adjustments are allowed. All keys are locked except **NOTE:** When the OSD is locked, pressing the menu key takes you directly to the OSD settings menu, with 'OSD Lock' pre hold key for 10 seconds to unlock and allow user access to all applicable settings.
	DDC/CI	DDC/CI (Display Data Channel/Command Interface) allows a software on your computer to adjust the monitor display setting balance etc. **Enable** (Default): Optimizes the performance of your monitor and provides a better customer experience. **Disable**: Disables the DDC/CI option and the following message appears on the screen. 
	LCD Conditioning	**NOTE:** For best user experience and optimum performance of your monitor, keep this feature enabled. This feature will help reduce minor cases of image retention. If an image appears to be stuck on the monitor, select LCD Con image retention. Using the LCD Conditioning feature may take some time. LCD Conditioning feature cannot remove severe c in. **NOTE:** Use LCD Conditioning only when you experience a problem with image retention. The below warning message appears once user selects "Enable" LCD Conditioning. **NOTE:** Press any button on the monitor to terminate LCD Conditioning at any time.
	Factory Reset	Resets all OSD settings to the factory preset values.
	Personalize	User can select from "Preset Modes", "Brightness/Contrast", "Auto Adjust", "Input Source" and set as shortcut key 1 and 2.

Downloaded from ManualMonitor.com Manuals

		
	Back	Press to go back to the main menu.

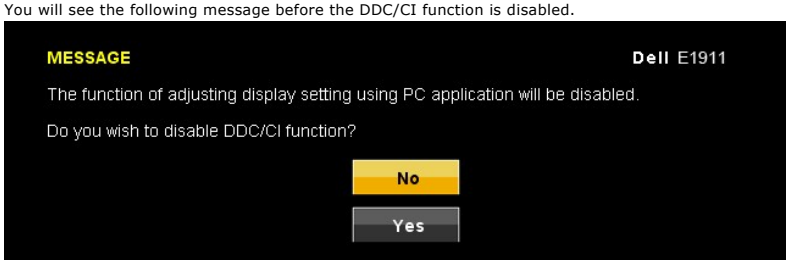
OSD Warning Messages

When the monitor does not support a particular resolution mode you will see the following message:

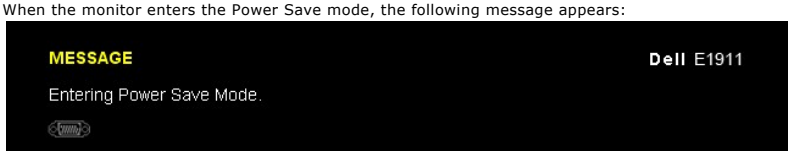


This means that the monitor cannot synchronize with the signal that it is receiving from the computer. See Monitor Specifications for the Horizontal and Vertical frequency ranges addressable by this monitor. Recommended mode is 1440x900.

You will see the following message before the DDC/CI function is disabled.



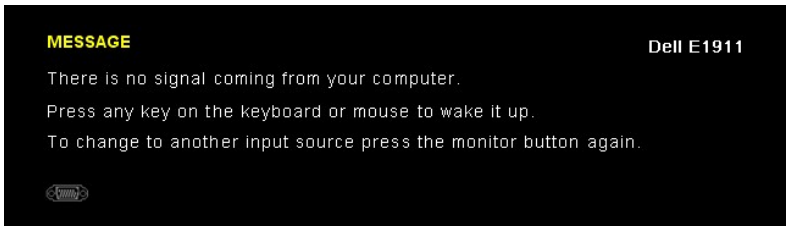
When the monitor enters the Power Save mode, the following message appears:



Activate the computer and wake up the monitor to gain access to the OSD

If you press any button other than the power button, the following messages will appear depending on the selected input:

Downloaded from ManualMonitor.com Manuals


MESSAGE
Dell E1911
There is no signal coming from your computer.
Press any key on the keyboard or mouse to wake it up.
To change to another input source press the monitor button again.

If VGA or DVI cable is not connected, a floating dialog box as shown below appears. The monitor will enter **Power Save Mode after 15 minutes** if left at this state.

or

See Solving Problems for more information.

PowerNap Software

PowerNap software comes in the CD that comes with the monitor you have just purchased.

This software provides 2 options where user can select "Screen dim" or " Sleep" when your PC goes to screen saver mode.

1. Screen dim - monitor dims to minimum brightness level when PC is in screen saver mode.

2. Sleep - monitor goes into sleep mode when PC is in screen saver mode.

DELL
PowerNap
Screen Power Saver
Screen Dim
When PC is in screensaver mode, monitor dims to minimum brightness level.
Sleep
When PC is in screensaver mode, monitor goes into sleep mode.
OK

NOTE: After installation, one desktop shortcut and one shortcut under "Start" for PowerNap are created.
OS support: Windows XP32, XP64, Vista32, Vista64, Windows 7
Output interface support: VGA and DVI.

The latest version of the PowerNap Software can be downloaded from Dell's website. This will ensure that the software is compatible with your graphics card.

Steps to download software:

1. Go to http://www.support.dell.com
2. Select "Monitor Drivers" under "Drivers and downloads" tab
3. Select your Monitor Model – PowerNap Application
4. Download and install application

Setting the Maximum Resolution

To set the maximum resolution for the monitor.

Windows XP:

1. Right-click on the desktop and select **Properties**.
2. Select the **Settings** tab.
3. Set the screen resolution to 1440 x 900.
4. Click **OK**.

Windows Vista® or Windows® 7:

1. Right-click on the desktop and select **Personalization**.
2. **Click Change Display Settings**.
3. Move the slider-bar to the right by pressing and holding left-mouse button and adjust the screen resolution to **1440 x 900**.
4. Click **OK**.

Downloaded from ManualMonitor.com Manuals

If you do not see 1440 x 900 as an option, you may need to update your graphics driver. Depending on your computer, complete one of the following procedures.

If you have a Dell desktop or portable computer:

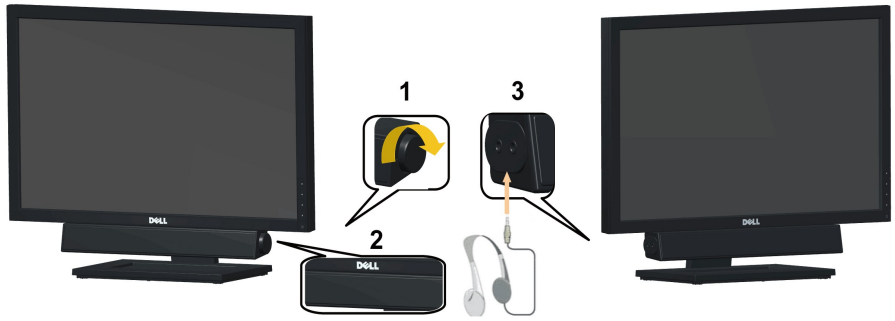
- Go to **support.dell.com**, enter your service tag, and download the latest driver for your graphics card.

If you are using a non-Dell computer (portable or desktop):

- Go to the support site for your computer and download the latest graphic drivers.
- Go to your graphics card website and download the latest graphic drivers.

Using the Dell Soundbar (Optional)

The Dell soundbar is a stereo two channel system, mountable on Dell Flat Panel Displays. The soundbar has a rotary volume and on/off control to adjust the overall system level, a LED for power indication, and two audio headset jacks.

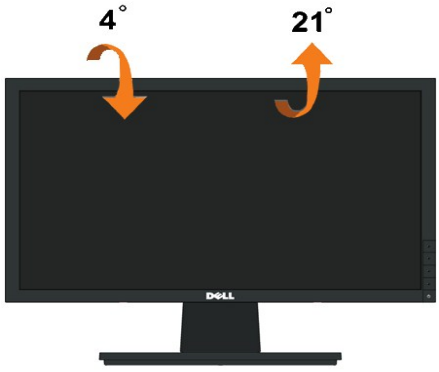


1.	Power/volume control
2.	Power indicator
3.	Headphone connectors

Using the Tilt

Tilt

With the built-in pedestal, you can tilt the monitor for the most comfortable viewing angle.



NOTE: The stand is detached when the monitor is shipped from the factory.

Back to Contents Page

Downloaded from ManualMonitor.com Manuals

Back to Contents Page

Setting Up Your Monitor

Dell™ E1911 monitor

Setting the display resolution to 1440x900 (Maximum)

For optimal display performance while using the Microsoft Windows® operating systems, set the display resolution to 1440 x 900 pixels by performing the following steps:

In Windows XP:

1. Right-click on the desktop and click **Properties**.

2. Select the **Settings** tab.

3. Move the slider-bar to the right by pressing and holding the left-mouse button and adjust the screen resolution to **1440 x 900**.

4. Click **OK**.

In Windows Vista® or Windows® 7:

1. Right-click on the desktop and click **Personalization**.

2. Click **Change Display Settings**.

3. Move the slider-bar to the right by pressing and holding the left-mouse button and adjust the screen resolution to **1440 x 900**.

4. Click **OK**.

If you do not see **1440 x 900** as an option, you may need to update your graphics driver. Please choose the scenario below that best describes the computer system you are using, and follow the provided directions:

1: **If you have a Dell™ desktop or a Dell™ portable computer with internet access.**

2: **If you have a non Dell™ desktop, portable computer, or graphics card.**

Back to Contents Page

Downloaded from ManualMonitor.com Manuals

Dell™ E1911 monitor

User Guide

Setting the display resolution to 1440x900 (Maximum)

Information in this document is subject to change without notice.
© 2010 Dell Inc. All rights reserve

Reproduction of these materials in any manner whatsoever without the written permission of Dell Inc. is strictly forbidden.

Trademarks used in this text: *Dell* and the *DELL* logo are trademarks of Dell Inc; *Microsoft* and *Windows* are either trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries; *Adobe* is a trademark of Adobe Systems Incorporated, which may be registered in certain jurisdictions. *ENERGY STAR* is a registered trademark of the U.S. Environmental Protection Agency. As an ENERGY STAR partner, Dell Inc. has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Dell Inc. disclaims any proprietary interest in trademarks and trade names other than its own.

Model E1911f/E1911c

August 2010 Rev. A00

Downloaded from ManualMonitor.com Manuals

Back to Contents Page

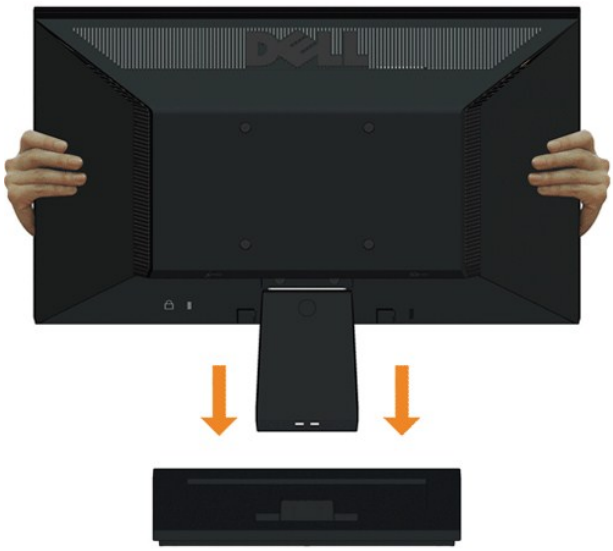
Setting Up the Monitor

Dell™ E1911 monitor User's Guide

- Attaching the Stand
- Connecting Your Monitor
- Removing the Stand Base
- Attaching the Dell Soundbar (Optional)
- Removing the Stand for VESA wall mount

Attaching the Stand

NOTE: The stand base is detached when the monitor is shipped from the factory.



To attach the monitor stand body to the stand base:

1. Place the monitor stand base on a stable table top.
2. Slide the monitor stand body in the correct direction down onto the stand base until it clicks into place.

Connecting Your Monitor

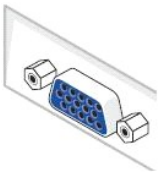
WARNING: **Before you begin any of the procedures in this section, follow the Safety Instructions.**

To connect your monitor to the computer:

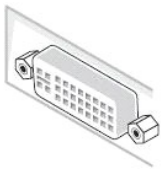
1. Turn off your computer and disconnect the power cable.

   Connect the blue (VGA) cable from your monitor to your computer.

Downloaded from ManualMonitor.com Manuals



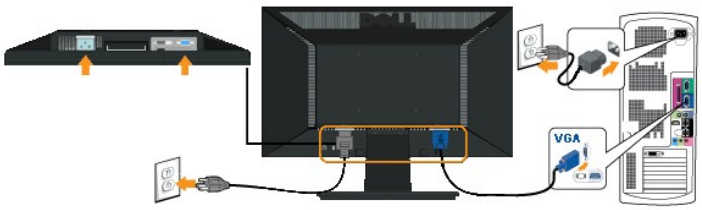
NOTE: If your computer supports a white DVI connector, connect the white DVI cable (that ships with your monitor) from your monitor to your computer.



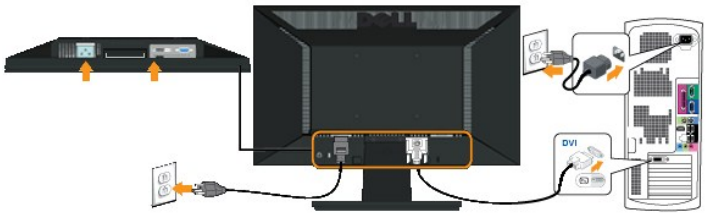
NOTE: Do not connect both the blue VGA and the white DVI cables to the computer as all monitors ship with the VGA cable attached to the monitor.

2. Connect either the white (digital DVI-D) or the blue (analog VGA) display connector cable to the corresponding video port on the back of your computer. Do not use both cables on the same computer. Use both the cables only when they are connected to two different computers with appropriate video systems.

Connecting the Blue VGA Cable



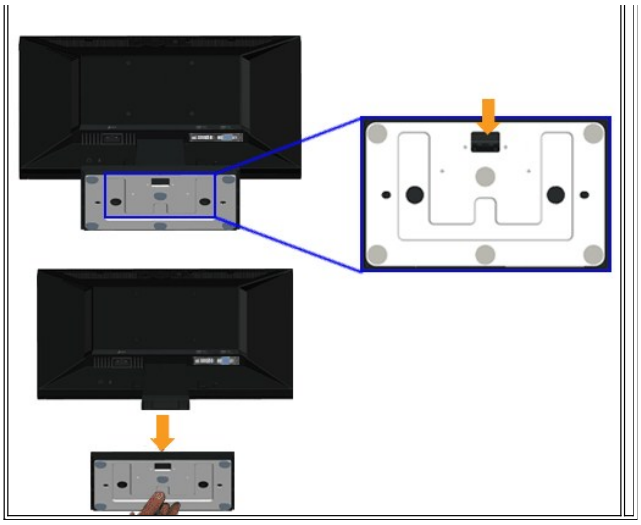
Connecting the white DVI cable



CAUTION: The graphics are used for the purpose of illustration only. Appearance on the computer may vary.

Removing the Stand Base

Downloaded from ManualMonitor.com Manuals



To remove stand base from the monitor:

1. Place the monitor panel on soft cloth or cushion on a stable flat table.
2. Press and hold the release latch, while pulling the stand base away from the monitor.

Attaching the Dell Soundbar

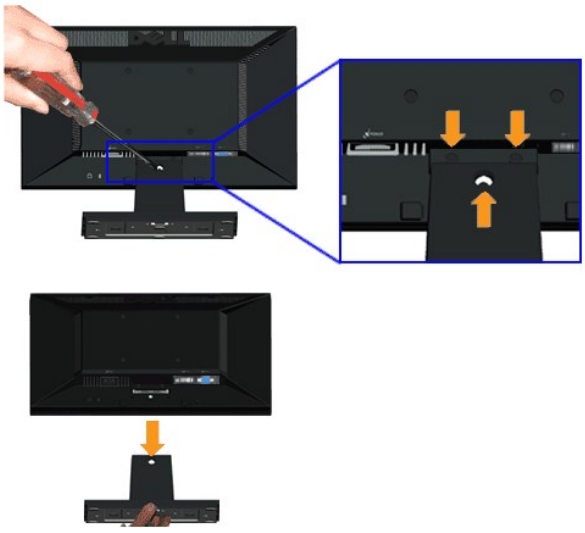
△ **CAUTION:** Do not use with any device other than the Dell soundbar.

To attach the soundbar:

1. Working from the back of the monitor, attach soundbar by aligning the two slots with the two tabs along the bottom of the monitor.
2. Slide the soundbar to the left until it snaps into place.
3. Connect the soundbar with the DC power connector from the soundbar Power Adaptor.
4. Insert the mini stereo plug from the back of the soundbar into the computer's audio output jack.

Removing the Stand for VESA Wall Mount

Downloaded from ManualMonitor.com Manuals



To remove the stand assembly from the monitor:

1. Place the monitor panel on soft cloth or cushion on a stable flat table.
2. Remove the three screws on the stand of the monitor as shown above.
3. Remove the stand assembly from the monitor.

Back to Contents Page

Downloaded from ManualMonitor.com Manuals

Back to Contents Page

Troubleshooting

Dell™ E1911 monitor

- Self-Test
- Common Problems
- Product Specific Problems
- Dell Soundbar Problems

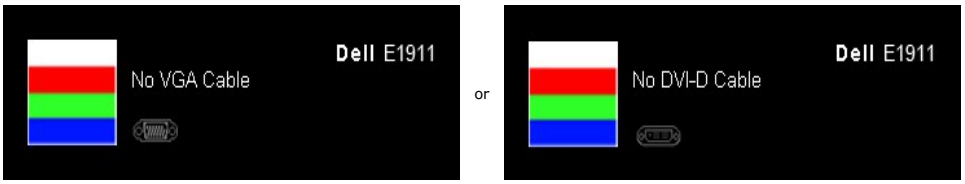
⚠ **WARNING: Before you begin any of the procedures in this section, follow the Safety Instructions.**

Self-Test

Your monitor provides a self-test feature that allows you to check whether your monitor is functioning properly. If your monitor and computer are properly connected but the monitor screen remains dark, run the monitor self-test by performing the following steps:

1. Turn off both your computer and the monitor.
2. Unplug the video cable from the back of the computer. To ensure proper Self-Test operation, remove both Digital (white connector) and the Analog (blue connector) cables from the back of computer.
3. Turn on the monitor.

The floating dialog box should appear on-screen (against a black background) if the monitor cannot sense a video signal and is working correctly. While in self-test mode, the power LED remains green. Also, depending upon the selected input, one of the dialogs shown below will continuously scroll through the screen.



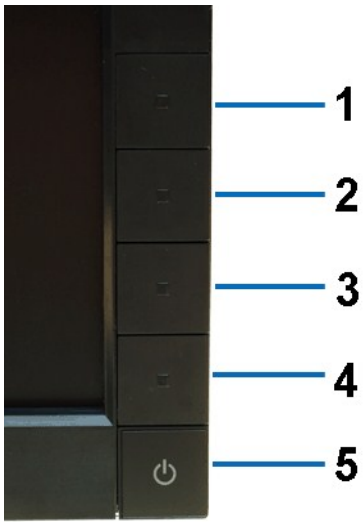
4. This box also appears during normal system operation, if the video cable becomes disconnected or damaged. The monitor will enter **Power Save Mode after 15 minutes** if left at this state.
5. Turn off your monitor and reconnect the video cable; then turn on both your computer and the monitor.

If your monitor screen remains blank after you use the previous procedure, check your video controller and computer, because your monitor is functioning properly.

Built-in Diagnostics

Your monitor has a built-in diagnostic tool that helps you determine if the screen abnormality you are experiencing is an inherent problem with your monitor, or with your computer and video card.

Downloaded from ManualMonitor.com Manuals



To run the built-in diagnostics:

1. Ensure that the screen is clean (no dust particles on the surface of the screen).
2. Unplug the video cable(s) from the back of the computer or monitor. The monitor then goes into the self-test mode.
3. Press and hold the **Button 1** and **Button 4** on the front panel, simultaneously for 2 seconds. A gray screen appears.
4. Carefully inspect the screen for abnormalities.
5. Press the **Button 4** on the front panel again. The color of the screen changes to red.
6. Inspect the display for any abnormalities.
7. Repeat steps 5 and 6 to inspect the display in green, blue, black, white screens.

The test is complete when the white screen appears. To exit, press the **Button 4** again.

If you do not detect any screen abnormalities upon using the built-in diagnostic tool, the monitor is functioning properly. Check the video card and computer.

Common Problems

The following table contains general information about common monitor problems you might encounter.

Common Symptoms	What You Experience	Possible Solutions
No Video/Power LED off	No picture	ı Ensure that the video cable connecting the monitor and the computer is p and secure. ı Verify that the power outlet is functioning properly using any other electric ı Ensure that the power button is depressed fully.
No Video/Power LED on	No picture or no brightness	ı Increase brightness & contrast controls via OSD. ı Perform monitor self-test feature check. ı Check for bent or broken pins in the video cable connector. ı Touch button 5 located above the power button, ensure that the correct i selected via the Input Source Select menu. ı Run the built-in diagnostics.
Poor Focus	Picture is fuzzy, blurry, or ghosting	ı Perform Auto Adjust via OSD. ı Adjust the Phase and Pixel Clock controls via OSD. ı Eliminate video extension cables. ı Reset the monitor to Factory Settings. ı Change the video resolution to the correct aspect ratio (16:10).
Shaky/Jittery Video	Wavy picture or fine movement	ı Perform Auto Adjust via OSD. ı Adjust the Phase and Pixel Clock controls via OSD. ı Reset the monitor to Factory Settings. ı Check environmental factors. ı Relocate the monitor and test in another room.
Missing Pixels	LCD screen has spots	ı Cycle power on-off. ı Pixel that is permanently off is a natural defect that can occur in LCD techr For more information on Dell Monitor Quality and Pixel Policy, see Dell Support sit **support.dell.com**.
Stuck-on Pixels	LCD screen has bright spots	ı Cycle power on-off. ı Pixel that is permanently off is a natural defect that can occur in LCD techr For more information on Dell Monitor Quality and Pixel Policy, see Dell Support sit **support.dell.com**.
Brightness Problems	Picture too dim or too bright	ı Reset the monitor to Factory Settings.

Downloaded from ManualMonitor.com Manuals

		• Auto Adjust via OSD. • Adjust brightness & contrast controls via OSD.
Geometric Distortion	Screen not centered correctly	• Reset the monitor to Factory Settings. • Auto Adjust via OSD. • Adjust brightness & contrast controls via OSD. NOTE: When using 'DVI-D', the positioning adjustments are not available.
Horizontal/Vertical Lines	Screen has one or more lines	• Reset the monitor to Factory Settings. • Perform Auto Adjust via OSD. • Adjust Phase and Pixel Clock controls via OSD. • Perform monitor self-test feature check and determine if these lines are al mode. • Check for bent or broken pins in the video cable connector. NOTE: When using 'DVI-D', the Pixel Clock and Phase adjustments are not avail
Synchronization Problems	Screen is scrambled or appears torn	• Reset the monitor to Factory Settings. • Perform Auto Adjust via OSD. • Adjust Phase and Pixel Clock controls via OSD. • Perform monitor self-test feature check to determine if scrambled screen a test mode. • Check for bent or broken pins in the video cable connector. • Restart the computer in the *safe mode*.
Safety Related Issues	Visible signs of smoke or sparks	• Do not perform any troubleshooting steps. • Contact Dell immediately.
Intermittent Problems	Monitor malfunctions on & off	• Ensure that the video cable connecting the monitor to the computer is cor and is secure. • Reset the monitor to Factory Settings. • Perform monitor self-test feature check to determine if the intermittent pro self-test mode.
Missing Color	Picture missing color	• Perform monitor self-test feature check. • Ensure that the video cable connecting the monitor to the computer is cor and is secure. • Check for bent or broken pins in the video cable connector.
Wrong Color	Picture color not good	• Change the Color Setting Mode in the Color Settings OSD to Graphics or V to the application. • Try different Color Preset Settings in Color Settings OSD. Adjust R/G/B valu Settings OSD if the Color Management is turned off. • Change the Input Color Format to PC RGB or YPbPr in the Advance Setting
Image retention from a static image left on the monitor for a long period of time	Faint shadow from the static image displayed appears on the screen	• Use the Power Management feature to turn off the monitor at all times wh more information, see Power Management Modes). • Alternatively, use a dynamically changing screensaver.

Product Specific Problems

Specific Symptoms	What You Experience	Possible Solutions
Screen image is too small	Image is centered on screen, but does not fill entire viewing area	• Reset the monitor to Factory Settings.
Cannot adjust the monitor with the buttons on the front panel	OSD does not appear on the screen	• Turn off the monitor, unplug the power cord, plug back, and then turn on the monitor.
The picture does not fill the entire screen.	The picture cannot fill the height or width of the screen	• Due to different video formats (aspect ratio) of DVDs, the monitor may display in full screen. • Run the built-in diagnostics.

NOTE: When choosing DVI-D mode, the **Auto Adjust** function is not available.

Dell™ Soundbar Problems

Common Symptoms	What You Experience	Possible Solutions
No sound for system where the Soundbar draws power from an AC adapter	No power to Soundbar - the power indicator is off	• Turn the Power/Volume knob on the Soundbar clockwise to the middle position; check if the power indicator (green LED) on the front of the Soundbar is illuminated. • Confirm that the power cable from the Soundbar is plugged into the adapter.
No Sound	Soundbar has power - power indicator is on	• Plug the audio line-in cable into the computer's audio out jack. • Set all volume controls to their maximum and ensure that the mute option is not enabled. • Play some audio content on the computer (example, audio CD, or MP3). • Turn the Power/Volume knob on the Soundbar clockwise to a higher volume setting. • Clean and reseat the audio line-in plug.

Downloaded from ManualMonitor.com Manuals

		• Test the Soundbar using another audio source (For example: portable CD player, MP3 player).
Distorted Sound	Computer's sound card is used as the audio source	• Clear any obstructions between the Soundbar and the user. • Confirm that the audio line-in plug is completely inserted into the jack of the sound card. • Set all Windows volume controls to their midpoints. • Decrease the volume of the audio application. • Turn the Power/Volume knob on the Soundbar counter-clockwise to a lower volume setting. • Clean and reseat the audio line-in plug. • Troubleshoot the computer's sound card. • Test the Soundbar using another audio source (For example: portable CD player, MP3 player). • Avoid using an audio cable extension or audio jack converter.
Distorted Sound	Other audio source is used	• Clear any obstructions between the Soundbar and the user. • Confirm that the audio line-in plug is completely inserted into the jack of the audio source. • Decrease the volume of the audio source. • Turn the Power/Volume knob on the Soundbar counter-clockwise to a lower volume setting. • Clean and reseat the audio line-in plug.
Unbalanced Sound Output	Sound from only one side of Soundbar	• Clear any obstructions between the Soundbar and the user. • Confirm that the audio line-in plug is completely inserted into the jack of the sound card or audio source. • Set all Windows audio balance controls (L-R) to their midpoints. • Clean and reseat the audio line-in plug. • Troubleshoot the computer's sound card. • Test the Soundbar using another audio source (For example: portable CD player, MP3 player).
Low Volume	Volume is too low	• Clear any obstructions between the Soundbar and the user. • Turn the Power/Volume knob on the Soundbar clockwise to the maximum volume setting. • Set all Windows volume controls to their maximum. • Increase the volume of the audio application. • Test the Soundbar using another audio source (For example: portable CD player, MP3 player)

Back to Contents Page

Downloaded from ManualMonitor.com Manuals